CRYOLOGIC VSTi 1.0

INTRODUCTION

Based on the same logical structure of Cryogenic, Cryologic is a soundfont library and a soundfont player very simple and easy to understand. The Soundfont Oscillators allows to layer up to three sounds with separate control for level, pan, and octave for each osc. The filter is a classic state variable filter tweakable also via the X-Y controller. The two arpeggiators are a powerful feature which allows to create interesting patches, complex automatic bass lines, chord accompaniment and complex textures. The onboard reverb, delay and an internal ring modulator effect provides the final touch to this little yet powerful music production tool.

INSTALLATION

Copy the Cryologic.dll file and Cryologic folder into your VST directory. Note: you need 456MB of free disk space to install Cryologic.

KNOWN PROBLEMS

· If you switch to a patch with an empty slot the Soundfont Oscillator replace the empty slot with the last used soundfont in the previous patch. This is a bug related with SynthEdit SF-Oscillator module. The workaround is to use an empty soundfont file for the unused Soundfont Oscillator. In the Cryologic folder there's a file called "_empty.sf2" which can be used for this purpose. To prevent problems this file must be loaded in any unused Soundfont Oscillator.

· As other Synthedit plugins, also Cryologic may have problems with the so called multiprocessor bug. This is a problem which depends on Synthedit, and according to the SE developer will be solved on future releases of the software. The problem seems to have a relationship with some third party modules which prevents the host to load correctly more instances of the same plugin on multiprocessors systems, generating sometimes crashes. During testing on several hosts, Cryologic seems to have no problems with this bug, anyway in case of problems there's a workaround: create several copies of the file Cryologic.dll and rename it as Cryologic2.dll, Cryologic3.dll, etc. In this way the host should see any dll as a different plugin. IF YOU EXPERIENCE PROBLEMS WITH THE MULTIPROCESSOR BUG ON CRYOLOGIC, PLEASE REPORT THE BUG INCLUDING YOUR SYSTEM SPECIFICATIONS, THE HOST USED AND A DETAILED DESCRIPTION OF THE PROBLEM, THANKS.

CONTROLLER LIST

Assigned MIDI CC#:

07 Main Volume
10 Main Pan
05 Glide

73 AMP ENV Attack
75 AMP ENV Decay
76 AMP ENV Sustain
72 AMP ENV Release

74 Filter Cutoff

71 Filter Resonance

91 Reverb Mix Level
94 Delay Mix Level

01 Vibrato (Note: vibrato can be controlled also with channel aftertouch)
02 Ring Modulation Effect

Tip: if you have a control joystick like those on Korg synths, assign positive Y (joystick up) to CC#01 and negative Y (joystick down) to CC#02. This is the easiest way to have more control over the sound (vibrato and ring modulation). If you don't have a control joystick you can also use your modulation wheel for ring modulation (assign it to CC#02) and control vibrato with aftertouch.

NOTE: Vibrato and Ring modulation can be controlled only by MIDI controllers, no controls for these parameters are available on the GUI.